

IN THE CLAIMS:

1. (Canceled)

2. (Currently amended) The buffer tube of claim 1, A buffer tube for use in a fiber optic cable, the buffer tube comprised of an alloy of polypropylene and polyphenylene oxide, wherein the alloy is blended with glass fiber.

3. (Canceled)

4. (Currently amended) The cable of claim 3, A cable for transmitting a signal, the cable comprising:

at least one optical fiber for transmitting the signal;  
at least one buffer tube for receiving the at least one optical fiber, the buffer tube comprised of an alloy of polypropylene and polyphenylene oxide; and  
an outer jacket disposed around the at least one buffer tube; wherein the alloy is blended with glass fiber.

5. (Previously presented) A buffer tube for use in a fiber optic cable, the buffer tube comprised of a polymeric material having a flexural modulus greater than about 180 kpsi at room temperature and having a flexural modulus less than about 370 kpsi at room temperature.

6-10. (Canceled)

11. (Currently amended) ~~The buffer tube of claim 1, A buffer tube for use in a fiber optic cable, the buffer tube comprised of an alloy of polypropylene and polyphenylene oxide,~~ wherein the alloy is filled, contains an antioxidant, contains a processing aid, or a combination thereof.